


SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) & 1272/2008 (CLP)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- | | |
|--|---|
| 1.1 Product identifier | |
| GHS Product Identifier | VICOTE® Dispersion |
| Trade name | 804, 804Black, F804, F804Black, F814 |
| CAS No. | Not applicable |
| EINECS No. | Not applicable |
| REACH Registration No. | Not applicable |
| 1.2 Relevant identified uses of the substance or mixture and uses advised against | |
| Identified use(s) | The materials are generally used for coatings. |
| Uses advised against | This material is not for human implantation. |
| 1.3 Details of the supplier of the Safety Data Sheet | |
| Company Identification | Victrex plc
Victrex Technology Centre
Hillhouse International
Thornton-Cleveleys
Lancashire
FY5 4QD
++44 (0) 1253 897700
++44 (0) 1253 897701
sds@victrex.com |
| Telephone | |
| Fax: | |
| E-Mail (competent person) | |
| 1.4 Emergency telephone number | |
| Emergency Phone No. | ++44 (0) 1253 897754 |

SECTION 2: HAZARDS IDENTIFICATION

- | | |
|--|---|
| 2.1 Classification of the substance or mixture | |
| 2.1.1 Regulation (EC) No. 1272/2008 (CLP) | H318: Causes serious eye damage. |
| 2.1.2 Directive 67/548/EEC & Directive 1999/45/EC | |
| 2.2 Label elements | |
| 2.2.1 Label elements | |
| GHS Product Identifier | According to Regulation (EC) No. 1272/2008 (CLP) |
| Hazard Pictogram | VICOTE® Dispersion |
| |  |
| Signal word(s) | DANGER |
| Hazard statement(s) | Causes serious eye damage. |
| Precautionary statement(s) | Wear protective gloves/protective clothing/eye protection/face protection.
IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. |

2.2.2 Label elements

Hazard Symbol

According to Directive 67/548/EEC & Directive 1999/45/EC



Risk Phrases

R36: Irritating to eyes.

Safety Phrases

S2: Keep out of the reach of children.
 S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

2.3 Other hazards

Not applicable

2.4 Additional Information

None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

EC Classification No. 1272/2008

Hazardous ingredient(s)	%W/V(**)	EC No.	REACH Registration No.	Hazard statement(s)
Docusate Sodium	<6%	209-406-4	01-2119491296-**	H315/H318
Alcohol	<1%	200-578-6	None	H225
Amino ether	<1%	203-815-1	None	H226/H302/H312/H314/H332

EC Classification No. 67/548/EEC

Hazardous ingredient(s)	%W/V(**)	EC No.	REACH Registration No.	EC Classification and Risk Phrases
Docusate Sodium	<6%	209-406-4	01-2119491296-**	R38-41
Alcohol	<1%	200-578-6	None	R11
Amino ether	<1%	203-815-1	None	R10/R20,21,22/R34

The composition of the product is confidential.

3.2 Additional Information

SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation

Remove to fresh air immediately. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Obtain immediate medical attention.

Skin Contact

Remove contaminated clothing and wash all affected areas with plenty of water.

Eye Contact

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

4.2 Most important symptoms and effects, both acute and delayed

None known

4.3 Indication of immediate medical attention and special treatment needed

Not applicable

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media

In case of fire, use water spray, foam, dry powder or CO2 for extinction.

Unsuitable Extinguishing Media

None

5.2 Special hazards arising from the substance or mixture

Oxides of carbon

5.3 Advice for fire-fighters

Protective respirator with independent air supply.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Do not get in eyes. Ensure adequate ventilation to remove vapours, fumes, dust etc.

6.2 Environmental precautions

None known

6.3 Methods and material for containment and cleaning up

Cover spills with inert absorbent material. Sweep up and shovel into waste drums or plastic bags.

6.4 Reference to other sections

See Also Section 8, 13.

6.5 Additional Information

SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling** Do not get in eyes. Avoid inhalation and contact with eyes or skin. Use adequate ventilation to remove vapours (fumes, dust etc). Wash thoroughly after handling.
- 7.2 Conditions for safe storage, including any incompatibilities** Keep away from naked flames and hot surfaces. Keep container tightly closed and dry.
- Storage Temperature 0-25°C
- Storage Life 1 Year.
- Incompatible materials None known
- 7.3 Specific end use(s)** The materials are generally used for coatings.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters**
- 8.1.1 Occupational Exposure Limits**

SUBSTANCE	CAS No.	LTCL (8 hr TWA ppm)	LTCL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Dust	-	-	10	-	-	Inhalable Dust
			4			Respirable Dust.

Source: EH40 (UK)

None

- 8.1.2 Biological limit value**

- 8.1.3 PNECs and DNELs** Not available
- Derived No Effect Level**
- Surfactant

Industrial	Dermal	31.3	mg/kg/day	Long Term, Systemic effects
Industrial	Inhalation	44.1	mg/m ³	Long Term, Systemic effects
Professional	Dermal	18.8	mg/kg/day	Long Term, Systemic effects
Professional	Inhalation	13	mg/m ³	Long Term, Systemic effects
Professional	Oral	18.8	mg/kg/day	Long Term, Systemic effects

Predicted No Effect Concentration

Surfactant

Fresh water	0.0066	mg/L
Marine water	0.0007	mg/L
Intermittent water release	0.066	mg/L
Sedimentation	0.653	mg/kg
Soil	0.138	mg/kg
STP	122	mg/L

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Adequate ventilation must be used.

8.2.2 Personal protection equipment

Eye/face protection

Avoid contact with eyes. A washing facility/water for eye and skin cleaning purposes should be present.



Skin protection (Hand protection/ Other)

Wear impervious gloves (EN374).



Respiratory protection

Where exposure is below the established exposure limit, no respiratory protection is required.



Thermal hazards

Insulating gloves EN 407 (heat)

8.2.3 Environmental Exposure Controls

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid
Colour	Grade(s): White or Black
Odour	Odourless
Odour Threshold (ppm)	Not known
pH (Value)	Not known
Melting Point (°C) / Freezing Point (°C)	Grade(s): 804 - 334 °C (Dry product)
	804 Black - 334 °C (Dry product)
	F804 - 334 °C (Dry product)
	F804Black - 334 °C (Dry product)
	F814 - 372 °C (Dry product)
Boiling point/boiling range (°C):	Not known
Flash Point (°C)	Not known
Evaporation rate	Not known
Flammability (solid, gas)	Not known
Explosive limit ranges.	Not known
Vapour Pressure (kPa)	Not known
Vapour Density (Air=1)	Not known
Density @25C	Not known
Solubility (Water)	Not known
Solubility (Other)	Not known
Partition Coefficient (n-Octanol/water)	Not known
Auto Ignition Temperature (°C)	595°C
Decomposition Temperature (°C)	Not known
Viscosity (mPa.s)	Not known
Explosive properties	Not known
Oxidising properties	Not known
Other information	None

9.2

SECTION 10: STABILITY AND REACTIVITY

10.1	Reactivity	Stable when handled and stored correctly.
10.2	Chemical stability	Stable when handled and stored correctly.
10.3	Possibility of hazardous reactions	Not known
10.4	Conditions to avoid	Electrostatic charge.(Dry product)
10.5	Incompatible materials	Concentrated Sulphuric acid
10.6	Hazardous Decomposition Product(s)	Oxides of carbon

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

11.1.1 Substances

Acute toxicity

Ingestion Not classified.

Inhalation Not classified.

Skin Contact Not classified.

Eye Contact Not classified.

Skin corrosion/irritation Not classified.

Serious eye damage/irritation Causes serious eye damage.

Respiratory or skin sensitization Not classified.

Germ cell mutagenicity Not classified.

Carcinogenicity Not classified.

Reproductive toxicity Not classified.

STOT - single exposure Not classified.

STOT - repeated exposure Not classified.

Aspiration hazard Not classified.

11.1.2 Mixtures

Acute toxicity

Ingestion Not classified.

Inhalation Not classified.

Skin Contact Not classified.

Eye Contact Not classified.

Skin corrosion/irritation Not classified.

Serious eye damage/irritation Causes serious eye damage.

Respiratory or skin sensitization Not classified.

Germ cell mutagenicity Not classified.

Carcinogenicity Not classified.

Reproductive toxicity Not classified.

STOT - single exposure Not classified.

STOT - repeated exposure Not classified.

Aspiration hazard Not classified.

11.2 Other information

None

SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	Not classified
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Surfactant

Fish

LC50 20-40mg/L Oncorhynchus mykiss(96h)

LC50 37mg/L Lepomis macrochirus (96h)

LC50 <24mg/L Oncorhynchus mykiss (96h)

		Water Flea
		EC50 36mg/L Daphnia magna (48h)
12.2	Persistence and degradability	Not determined
12.3	Bioaccumulative potential	Not determined
12.4	Mobility in soil	Not determined
12.5	Results of PBT and vPvB assessment	NOT PBT or vPvB
12.6	Other adverse effects	None anticipated

SECTION 13: DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods	Pay attention to local and national official regulations.
13.2	Additional Information	

SECTION 14: TRANSPORT INFORMATION

14.1	Land transport (ADR/RID)	
	UN number	Not classified according to the United Nations 'Recommendations on the Transport of Dangerous Goods'.
	Proper Shipping Name	
	Transport hazard class(es)	
	Packing Group	
	Hazard label(s)	
	Environmental hazards	
	Special precautions for user	
14.2	Sea transport (IMDG)	
14.3	Air transport (ICAO/IATA)	
14.4	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	

SECTION 15: REGULATORY INFORMATION

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture substance or mixture	Label According to (EC) No 1272/2008 Hazard pictogram(s)
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Hazard Phrases
Causes serious eye damage.

Precautionary Phrases

Wear protective gloves/protective clothing/eye protection/face protection.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

15.1.1 EU regulations	
Authorisations and/or restrictions on use	None
15.1.2 National regulations	None
15.2 Chemical Safety Assessment	Not applicable.

SECTION 16: OTHER INFORMATION

Manufactured in the UK under a Quality System approved to ISO 9001:2008 by Victrex Plc.

WEL: Workplace Exposure Limit (UK HSE EH40) / Bmgv: Biological monitoring guidance value (UK HSE EH40) / EH40 – UK Occupational Exposure Limits.

The following sections contain revisions or new statements: 1-16.

LEGEND

LTEL Long Term Exposure Limit
STEL Short Term Exposure Limit
STOT Specific Target Organ Toxicity
DNEL Derived No Effect Level
PNEL Predicted No Effect Concentration

References:

Workplace Exposure Limits (UK HSE EH40)

Risk Phrases and Safety Phrases

R36: Irritating to eyes.
R38: Irritating to skin. R41: Risk of serious damage to eyes.
R10: Flammable.
R11: Highly flammable.
R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.
R34: Causes burns.
S2: Keep out of the reach of children.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

Hazard statement(s) and Precautionary statement(s)

H318: Causes serious eye damage.
H315: Causes skin irritation.
H225: Highly flammable liquid and vapour.
H226: Flammable liquid and vapour.
H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H314: Causes severe skin burns and eye damage.
H332: Harmful if inhaled.



Revision: 02.05.13 (00.00.)
Grade name: 804, 804Black, F804,
F804Black, F814

Precautionary Phrases

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER or doctor/physician.

Additional information on the properties, processing and application of VICTREX polymers is available at www.victrex.com. These details refer to the product as it is delivered.

The statements made here should describe the product with regard to the necessary safety precautions – they are not meant to guarantee definite characteristics – but they are based on our present up-to-date knowledge.

Training advice:

Additional Information

Revision of SDS

02/05/13

Previous edition 00/00/00

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